	Document ID	Issue Date	Pages	Title	Current OR
1	US 20050047517 A1	20050303	38	Adaptive modulation for multi-antenna transmissions with partial channel knowledge	375/267
2	US 20050013352 A1	20050120	19	Method and controller for controlling communication resources	375/219
3	US 20050009476 A1	20050113	35	Virtual MIMO transmitters, receivers, systems and methods	455/101
4	US 20040246998 A1	20041209	25	Physical layer structures and initial access schemes in a unsynchronized communication network	370/527
5	US 20040190603 A1	20040930	17	Space time transmit diversity for TDD/WCDMA systems	375/148
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7	US 20040082356 A1	20040429	85	MIMO WLAN system	455/522
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9	US 20040071104 A1	20040415	57	Multi-mode method and apparatus for performing digital modulation and demodulation	370/320
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11	US 20040042536 A1	20040304	21	Method and apparatus for demodulating signals processed in a transmit diversity mode	375/150
12	US 20040028121 A1	20040212	60	Receiver processing systems	375/144
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5	375/152	Dabak, Anand G. et al.
6	375/152; 375/343; 375/347	Dabak, Anand G. et al.
7		Walton, J. Rodney et al.
8		Boesel, Robert W. et al.
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15	US 20040004997 A1	20040108	25	Searching method and apparatus for processing digital communication signals	375/148
16	US 20040004995 A1	20040108	26	Buffering method and apparatus for processing digital communication signals	375/130
17	US 20030174686 A1	20030918	31	Method and apparatus for reducing inter-channel interference in a wireless communication system	370/342
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20	US 20030147343 A1	20030807	16	Linear space-time block code with block STTD structure	370/209
21	US 20030144495 A1	20030731	49	Drosophila recombination-associated protein and methods for use	536/23.2
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24	US 20030035490 A1	20030220	10	Method for multiple antenna transmission using partial channel knowledge	375/267
25	US 20030012299 A1	20030116	20	Non-zero complex weighted space-time code for multiple antenna transmission	375/299

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19	370/342; 375/140	Willenegger, Serge et al.
20	370/206; 375/130	Onggosanusi, Eko N. et al.
21		Eisen, Andrew
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27	US 20020176485 A1	20021128	21	Multi-cast communication system and method of estimating channel impulse responses therein	375/144
28	US 20020172293 A1	20021121	20	Non-zero complex weighted space-time code for multiple antenna transmission	375/267
29	US 20020154715 A1	20021024	17	Method and apparatus for frequency tracking in a space time transmit diversity receiver	375/347
30	US 20020122381 A1	20020905	19	Channels estimation for multiple input - multiple output, orthogonal frequency division multiplexing (OFDM) system	370/208
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32	US 6858716 B2	20050222	49	Drosophila recombination-associated protein and methods for use	536/23.1
33	US 6850481 B2	20050201	18	Channels estimation for multiple input-- multiple output, orthogonal frequency division multiplexing (OFDM) system	370/208
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27	375/260; 375/340	Hudson, John E.
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29		Jin, Xin et al.
30	370/210	Wu, Shiquan et al.
31		Guey, Jiann-Ching
32	435/320.1	Eisen; Andrew
33	370/210	Wu; Shiquan et al.
34	435/15; 435/183; 435/233; 435/440; 435/455; 435/471; 435/477; 435/91.1; 530/350; 530/358; 536/23.1; 536/23.2; 536/23.5; 536/24.5; 536/25.3	Eisen; Andrew
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38	US 6748024 B2	20040608	21	Non-zero complex weighted space-time code for multiple antenna transmission	375/299
39	US 6650694 B1	20031118	42	Correlator co-processor for CDMA RAKE receiver operations	375/150
40	US 6628702 B1	20030930	20	Method and apparatus for demodulating signals processed in a transmit diversity mode	375/150
41	US 6534643 B1	20030318	48	Drosophila recombination-associated protein and methods for use	536/23.5
42	US 20020154715 A	20021024	17	Frequency error estimate calculating method in wireless user equipment e.g. cellular phones, involves calculating correlation function between total sum functions of space time transmit diversity signal symbol sequences	

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39	370/342	Brown; Katherine G. et al.
40	375/148	Rowitch; Douglas Neal et al.
41	435/252.3; 435/254.11; 435/325; 435/348; 435/69.1	Eisen; Andrew
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